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UVLED18

UV LED Flood Light - 18 x 1W UV LED

User's instruction manual

This manual contains important information about the safe installation and use of this product
Please read this instruction manual carefully before installing or operating
Please keep these instructions in a safe place for future reference

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Congratulations on the purchase of your UVLED18 by Light Emotion. This is the newest series of DMX UV LED wash light. We are confident that you will be satisfied with your purchase. We have prepared this manual to assist you with the operation of this item.

CONTENTS

SECTION	Page
WHAT IS INCLUDED, SAFETY INSTRUCIONTS	2
INSTALLATION, MAINTENANCE, POWER	3
FUSE, DIP SWITCHES, DMX LEAD, DMX TERMINATOR	4
OPERATION, SPECIFICATIONS	5

Please note that as part of out ongoing commitment to continuous improvement and product development, the specifications in this manual are subject to change without notice. Whilst every care has been taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement.

WHAT IS INCLUDED:

CAUTION: Do not use sharp objects whilst unpacking this product

- 1 x UVLED18
- 1x Warranty card
- 1x User manual

Please note: Some of the items above may be fitted to the product by the manufacturer.

SAFETY INSTRUCTIONS:

Please read these instructions carefully. It includes important information about the installation usage and maintenance of this product.

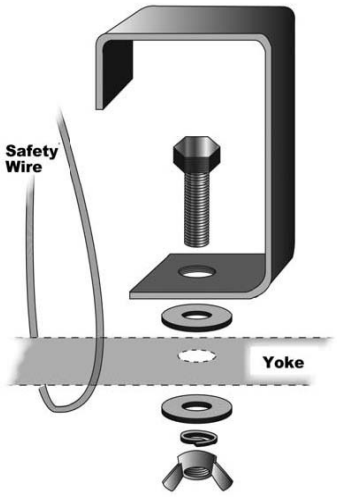
- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on the rear panel of the fixture.
- This product is intended for indoor use only! To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surface. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse source.
- Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- Maximum ambient temperature is 35˚C. Do not operate fixture at temperatures higher than this.

- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Never connect the device to a dimmer pack.
- Make sure power cord is never crimped or damaged.
- Never disconnect power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.

INSTALLATION:

CAUTION: For safe mounting, read the following instructions carefully:

- Use suitable hook clamps for hanging the lighting effect.
- Use a safety wire with a breaking strain of more than double the lighting effect.
- Do not look directly into the light source.
- Make sure the lighting effect has suitable ventilation as per the instructions below.
- This lighting effect is intended for indoor use only to avoid electrical shock keep away from rain and moisture.
- Keep unit out of reach from children.



NOTE: Use washers and spring washers when attaching your hook clamp to the yoke.

1. For installation of the hook clamps and safety wire.
2. This lighting effect must be 0.5m away from any flammable materials or any walls or ceilings.
3. Do not block or inhibit the air flow from the ventilation vents.

Light Emotion has various hook clamps and safety wires suitable for your UVLED18. Please contact your local dealer for more information.

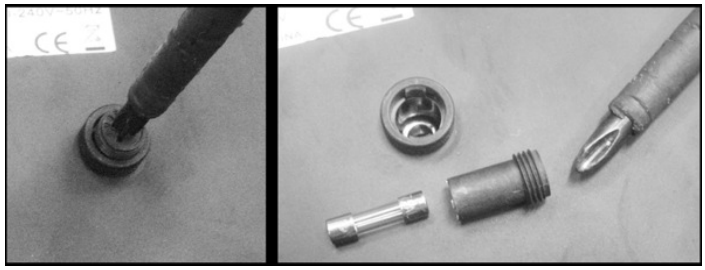
MAINTENANCE & PERIODIC CHECKS:

CAUTION: Some maintenance and checks may require the product to be opened and should only be done by qualified persons. Warranty may be void if damage has been caused by improper maintenance. Perspex lenses should be wiped with a clean moist cloth to remove dust and residue.

POWER:

CAUTION: This lighting effect is designed to operate at 110-240V 50Hz/60Hz.
Connect the supplied power lead to the lighting effect Power input socket.
Power Consumption: 30W.

FUSE:



CAUTION: Only use the correct fuse as specified on the rear panel of the lighting effect. Disconnect the lighting effect from the mains before attempting to replace the fuse.

To replace the fuse please follow the following steps:
1. Remove the fuse holder cover with a screwdriver.
2. Remove existing fuse.
3. Fit new fuse.
4. Refit the fuse holder.

Fuse: M205 1A fast 250V

DIP SWITCHES:

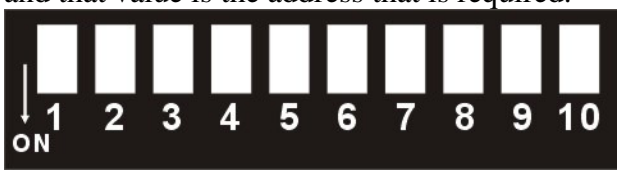
The DIP switches allow the user to change the mode and operation of the lighting effect by setting the switches to different combinations.

DMX

To determine the starting address for the each lighting effect you should refer to your DMX controller user manual.

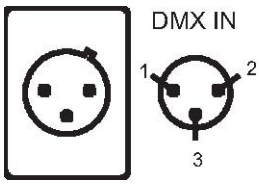
CALCULATING THE STARTING ADDRESS

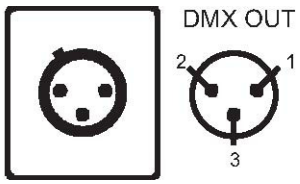
To calculate the starting address you add the value of all the switches which are 'ON' and that value is the address that is required.



DMX LEAD:

The DMX lead is used to link up multiple units.

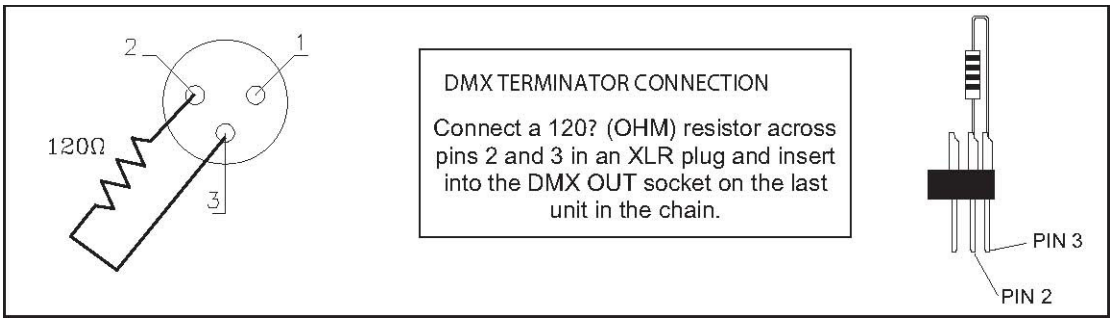




DMX512	
PIN	FUNCTION
1	GND
2	DATA
3	DATA +

DMX TERMINATOR:

A DMX terminator helps to reduce 'noise' on the DMX chain, and makes the light respond to control more accurately. It should be plugged in to the last fixture in any chain.


2
1
120Ω
3
DMX TERMINATOR CONNECTION
Connect a 120? (OHM) resistor across pins 2 and 3 in an XLR plug and insert into the DMX OUT socket on the last unit in the chain.
PIN 3
PIN 2

OPERATION:

NOTE: This unit does not have auto show mode.
This unit can run under the sound active mode, master/slave mode, and DMX mode.

You can use dip switch to control all the functions. Please see the dip switch control layout.

Dip switch										Function
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	
on	off	off	off	X	X	X	X	off	off	25% Brightness
on	on	off	off	X	X	X	X	off	off	50% Brightness
on	on	on	off	X	X	X	X	off	off	75% Brightness
on	on	on	on	X	X	X	X	off	off	100% Brightness
X	X	X	X	on	off	off	off	off	off	Strobe speed slowest
X	X	X	X	on	on	off	off	off	off	Strobe speed slower
X	X	X	X	on	on	on	off	off	off	Strobe speed faster
X	X	X	X	on	on	on	on	off	off	Strobe speed fastest
X	X	X	X	X	X	X	X	on	off	Sound active mode
X	X	X	X	X	X	X	X	off	on	DMX mode Address set by dipswitch from 1 to 8

DMX Controlling Mode:
This unit has two DMX channels:

Channel 1		Channel 2	
000-250	Dimming (0-100%)	000-255	Strobe speed adjustment from slow to fastest
251-255	Sound active	No function	

SPECIFICATION:

- Power input: AC 110-230V 50Hz/60Hz
- Fuse: F1A/250V
- Maximum consumption: 30W
- Unit weight: 2.5kgs
- LED quantity: 18pcs 1W UV LEDS